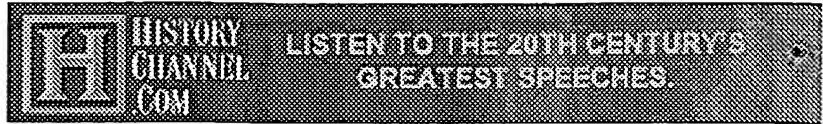


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World

Shop History

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Classroom

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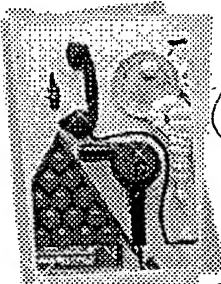
EXHIBITS

The History of Household Wonders

History of Plastics Timeline

1868: John Wesley Hyatt mixes proxylin and nitric acid with camphor to create cellulose nitrate. He names creation celluloid. It was recognized as the first commercial plastic in the U.S. and was used as a substitute material for ivory in billiard balls.

1907: Chemist Leo Baekeland creates a liquid resin that hardened into a transparent, amber solid that would boil, melt, or dissolve. Dubbed "Bakelite," the material was used in electrical insulation, jewelry, ashtrays, and telephones.



Products made from Bakelite
Dorling Kindersley Limited/Corbis

1929: Chemist Waldo Semon creates a polymer called polyvinyl chloride (PVC) which was later used in such products as garden hoses and long-playing records.

1937: The Hudson Car Company of Ohio uses plastics in its radiator ornaments, electrical parts, and in the first fiber-impregnated gear.

1938: Du Pont announces Wallace H. Carothers' invention of nylon.

1940: Bomber noses of Plexiglas acrylic are used for war planes.

1941: Cardinal Hinsley, the archbishop of Westminster, announced the distribution of two and a half million plastic crucifixes to all members of the British fighting forces, upon request.

1946: H.D. Justi Co. introduces a line of acrylic dentures.

1950: Wheaton Glass Company initiates developmental efforts in injection blowmolding (the heating and shaping of plastic sheets) for containers smaller than 1 quart. **1957:** The hula-hoop boom taxes the capacity of the extrusion industry and the capacity for high-density polyethylene at a peak usage of 1 million pounds per week.

1958: The Monsanto Corporation researchers developed the first plastic carbonated-beverage bottle for Coca-Cola.



1959: Mattel Inc. introduces the plastic Barbie doll.

1966: The first Uniloy machine for the production of HDPE blowmolded milk bottles is installed at the Heatherwood Dairy.

1968: Human beings - and several plastic components - land on the moon, launching the latter into an entirely new sphere of applications.



Dr. Robert Jarvik shows the polyurethane and decron mesh heart he developed for transplants.

UPI/Curtis Bettmann

1973: A patent is issued to Nathaniel Wyeth for the PET beverage bottle; it is assigned to Du Pont. PET was the first plastic strong enough to hold highly pressurized carbonated beverages without bursting, and safe enough to pass muster with the FDA.

1979: Volume production of plastics surpasses that of steel in the U.S.

1982: The Jarvik-7 artificial heart sustains Barney Clark for 112 days. Plastics were used for the ventricles and for the fittings by which they were attached to the blood vessels. This was the first successful implantation of a plastic heart.

1983: American Can Packaging Inc. produces a twenty-eight ounce squeezable plastic bottle for Heinz ketchup.

Source:

•The Society of the Plastics Industry, Inc.

Plastics

Plumbing

Appliances

Stereos

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PALM INTRANET

Inventor Name Search Result

Your Search was:

Last Name = VANDERJEUGT

First Name = BRAM

Assignee - ^{michale} van de wijk

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>09318812</u>	<u>6186186</u>	150	05/26/1999	METHOD AND WEAVING MACHINE FOR WEAVING A PILE FABRIC	VANDERJEUGT, BRAM
<u>09745935</u>	<u>6336478</u>	150	12/26/2000	Shed-forming device for a weaving machine	VANDERJEUGT, BRAM
<u>10429965</u>	<u>7000647</u>	150	05/06/2003	DEVICE FOR ATTACHING AND GUIDING AT LEAST ONE TACKLE CORD IN A JACQUARD MACHINE AND JACQUARD MACHINE PROVIDED WITH ONE OR SEVERAL SIMILAR DEVICES	VANDERJEUGT, BRAM
<u>10429966</u>	<u>6880582</u>	150	05/06/2003	CONNECTING MEANS FOR DETACHABLY CONNECTING CORDS OF A JACQUARD MACHINE	VANDERJEUGT, BRAM
<u>10620800</u>	<u>7025094</u>	150	07/17/2003	DEVICE FOR ATTACHING RETURN SPRINGS IN A HARNESS OF A JACQUARD WEAVING MACHINE	VANDERJEUGT, BRAM
<u>10657699</u>	Not Issued	61	09/09/2003	Shed forming device for a weaving machine	VANDERJEUGT, BRAM
<u>10758245</u>	Not Issued	30	01/16/2004	Harness device for a weaving machine	VANDERJEUGT, BRAM
<u>10849490</u>	Not Issued	71	05/20/2004	Device for attaching and guiding one or several pulley cords of a Jacquard machine	VANDERJEUGT, BRAM
<u>11238126</u>	Not Issued	30	09/28/2005	Shed forming device and weaving machine provided with such a shed forming device	VANDERJEUGT, BRAM
<u>11267827</u>	Not	30	11/04/2005	Method and device for weaving	VANDERJEUGT,

	Issued			fabrics provided with zones with floating pile across several weft yarns	BRAM
<u>11384025</u>	Not Issued	19	03/17/2006	Jacquard machine	VANDERJEUGT, BRAM

Inventor Search Completed: No Records to Display.

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	VANDERJEUGT	BRAM	

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